

ABSTRACT OF THE DISCLOSURE

**PERFORMANCE-ENHANCING SYSTEM AND METHOD OF ACCESSING FILE
SYSTEM OBJECTS**

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A performance-enhancing system and method of accessing file system objects are provided. The system and method entail determining a plurality of file system objects that are frequently being accessed. Each one of these file system objects has a pathname and an inode number. The inode number is used to locate the file system object on a storage system. The pathname of each file system object and its inode number are cross-referenced and cached. Having a whole pathname of a file cross-referenced with its inode number and entered into a memory allows the inode number to be obtained with one memory access instead of the many memory accesses that are usually required.

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